

Next GARS meeting on November 9 @ 7:00 p.m.

At St. Marguerite Church  
"Massive Homebrew Show and Tell"

The

# GARzette

The official newsletter of the Gwinnett Amateur Radio Society  
Oct 2010 <http://www.gars.org/> Volume 19, Issue 11

**Let Us Be Thankful!**



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## Georgia's Largest Hamfest



SPONSORED BY THE



## November 6 & 7 2010

**EARLY OPENING TIMES !**  
**Gates open to the Public:**

8:00am - 4:00pm Saturday  
8:00am - 2:00pm Sunday

**Prize and other Announcements**  
**on 100.9 FM and on our P.A. system.**

- The Stone Mountain Hamfest is sponsored by the Alford Memorial Radio Club and is the largest Hamfest in all of Georgia. It is held at the Gwinnett County Fairgrounds, 2405 Sugarloaf Parkway Lawrenceville, GA 30045
- General Admission Gate Hours are 8:00-4:00 on Saturday, Nov. 6, and 8:00-2:00 Sunday Nov. 7. At the Gate, a general admission ticket is \$8.00 and is good for both days. If you buy a general admission ticket before the Hamfest, the price is \$6.00 per ticket. The tickets will be available for "PRE-SALES" until 4:00pm, Friday, November 5, 2009 through the online store and from our club members.
- Student admission (with ID) is \$6. Children 16 and under are FREE. Tailgating in the Bone-Yard is \$8.00 per space for both days. - plus a general admission ticket is needed for each person in the boneyard.

**General Admission Parking is FREE.**

## A Note from our new GARS Membership Chairman

Greetings! My name is Dave Bruse, W4DTR, and I am the new GARS Membership Chairman. First of all I want to thank Bill Cherepy, WB4WTN, for six years of service as our outgoing Membership Chairman. Second, I want to thank each and every one of you for making GARS a great ham radio club! While I have your attention, I would like to inform you of a small change I have made to the membership renewal process. In an effort to save the club some money (and me some time), I am sending out the first renewal notice about two months prior to your membership expiration via email. If you don't renew your membership within a month, then I will send you a traditional membership renewal form in the mail about one month prior to your membership expiration. If you have any questions regarding your GARS membership, feel free to email me at [membership@gars.org](mailto:membership@gars.org) and I will get back to you as quickly as possible.



73 - Dave Bruse (W4DTR).  
[membership@gars.org](mailto:membership@gars.org)

## A Note from the Editor

Hi! My name is Ray Bailey, N4GYN, and it is a real pleasure to accept the position of Editor of the GARzette. My background is Computer Specialist - Network Administrator for nearly 15 years. I've been a Ham since 1965, first licensed as WN3GAI, upgrading to WA3GAI (General Class) one year later. I have to say that Ham Radio is the GREATEST HOBBY in the world. I've made a lot of wonderful friends over the years, and learned a lot about building radios (both receive and transmit), antennas, transmission lines, and digital modes. I enjoy acting as Net Control for the 7272 Ragchewers Net (<http://www.ragchewers.net>) and the Maritime Mobile Service Net (<http://www.mmsn.org>). As a younger man I was a radio announcer for 14 years, switching to Electrician, then Electronics Technician, and finally Computer Desktop Support. I retired from the Applied Physics Laboratory (Laurel, MD) in 2008 and moved from Columbia, MD to Buford, GA with my Alabama Bride, Sherry, N3MIU (car tag SUTHNBL). I love it here in Georgia! And I really love this Radio Club!

I would like to ask you to help me by putting down some of your own thoughts about Ham Radio on paper or as a text file... things like 1) How long you have been a Ham? 2) What is your favorite operating mode? 3) Have you built anything related to Ham Radio? What was it? 4) What transceiver would you have if you could have exactly what you wanted? 5) What Amateur Radio magazine(s) do you subscribe to? 6) What do you enjoy most about the GARS meetings? 7) How long have you been a member? These are just a few topics you could write about. I'm sure you can think of many more. Send your writings to me so I can share them with all the members of GARS, here in the GARzette. Send to [srbailey@comcast.net](mailto:srbailey@comcast.net).

Happy Thanksgiving, in advance, and may God Bless you and yours!!!

Ray—N4GYN (Gosh You're Nice)



# HAMJAM 2010



Presented by  
North Fulton Amateur Radio League  
Southeastern DX Club

Saturday, November 13, 2010 9:00am -- 12:30pm

YOU ARE INVITED  
to hear three special speakers at HamJam 2010.

- [Joe Taylor, K1JT](#), a Nobel prize winner and active ham radio operator will talk about weak signal work and EME. You may know Joe as the author of the WSJT and WSPR software that many of us use.
- [Ward Silver, N0AX](#), the editor of the ARRL Handbook, frequent QST columnist, and author of Ham Radio for Dummies will give an entertaining presentation on DXing and contesting. Ward is a very entertaining speaker that you won't want to miss.
- Our own [Hal Kennedy, N4GG](#), will provide a short introduction and demonstration of his Blue Lightning spark gap transmitter. This is a one of kind transmitter in the United States and uses authentic parts from the spark gap era.

Admission to HamJam 2010 is **FREE**. To defray costs we will be selling raffle tickets which will give you the opportunity to win an Elecraft K-3 or Flex Radio 1500 transceiver. Either of these rigs will be a great addition to your shack. Net proceeds from the raffle in excess of expenses of putting on HamJam 2010 will be donated to the NFARL and SEDXC scholarship funds. Please talk this up and invite your ham and non-ham friends to attend. This is a unique opportunity for hams and university students from throughout the southeast to interact with our well known speakers.

HamJam 2010 will take place at:

Georgia Institute of Technology  
College of Management  
100 LeCraw Auditorium  
800 West Peachtree Street NW  
Atlanta Georgia 30308

Talk in on 145.41 (-)

For more information go to: <http://www.hamjam.nfarl.org/>

# TechFest 2011

January 8, 2011, Lawrenceville, GA

sponsored by the Gwinnett Amateur Radio Society





Plaque given to Mike Roden W5JR for his excellent presentation on Beams Without Towers



And THE WINNER of the HRO gift certificate is.... Randy—N4COR

Merry Christmas!

## 2010 GARS Christmas Party

Date: December 10, 2010

Time: 7:00

Place: St. Marguerite Church  
De Youville

It will be here before you know it. If you haven't bought your ticket(s), there is still time to do so.

### MENU

#### Entree

Roast Turkey  
Baked Ham

#### Salads

Garden Salad with Two Dressings

#### Side Dishes

Sweet Potato Casserole  
Green Beans  
Dressing and Gravy

#### Bread

Rolls and Butter

#### Drinks

Tea and Lemonade

#### Dessert

Banana Pudding

It's a WONDERFUL time of year!...





## The following members are celebrating birthdays in November:

Eddie Geike	KJ4YVJ
(Congrats on new call)	
John Kludt	K7SYS
Richard Roher	KC3EF
Karen Kregel	KC6JCX
Nancy Sanctuary	KD4MZI
Jenny Eberhardt	KE4QNE
Nova Whatley	KF4HLG
Scott Hartlage	KF4PWI
Laura Block	KG4WQT
Danny Kelley	KI4KXO
Louis Shulman	KJ4DRW
Terry Fretwell	KJ4NLG
John Bachtel	NR4JB
Louis Manglass Jr	NY4F
Jack Shipley	W4UVQ
Bill Stewman	W5RQR

**HAPPY BIRTHDAY!!**  
**From All of Us at GARS**

## GARS Recurring Calendar

- Monthly club meeting is the 2nd Tuesday of the month at 7 p.m. Check the [website](#) for location.
- Every Monday at 8 p.m.: GARS Want, Swap, Sell, and Information Net on the GARS 2-meter repeater.
- Every Wednesday at 9 p.m.: GARS 6-meter net on the GARS 6-meter repeater.
- Every Saturday at 7:30 a.m.: GARS Weekly Family Breakfast, Golden Coral Restaurant, Riverside Drive, Lawrenceville.

## October Meeting Minutes

October 2010 GARS General Meeting  
 October 12, 2010

Earl Whatley, AF4FG, Vice President, called the meeting to order at 7:10 pm.

Introductions of first time visitors and others present were made.

Business:

Treasurer's Report:

CD balance \$6,238.38

Money Market balance \$2,424.31

Checking Account balance \$5,328.34

Total \$13,991.03

Committee Reports:

Membership – reported the following:

John Ackermann, N8UR, voted in as new member

Jody Ackermann, KC8KDC, voted in as new member

9 membership renewals

Holiday Party will be on December 10th. The price will be \$10 per person.

Steve Garrison, N4SEG, announced:

Alford Memorial Hamfest will be November 6-7.

The tickets are \$6. They are looking for volunteers.

HamJam 2010 will be on November 13 from 9-12:30 at GA Tech College of Management. Details can be found at [HamJam2010.com](http://HamJam2010.com)

Steve Back, WB2OGY, announced:

JOTA and Fall Frequency Festival will be on October 16.

40 scouts will be taking the radio merit badge

A volunteer is needed to run the Echolink station.

Break

The program was "Beams without towers" presented by Mike Roden, W5JR, from the NFARL.

The November program will be the "Massive Homebrew Show and Tell"

Prize drawing.

The meeting was adjourned at 8:40 pm.

... Hal Collier, W4IGE, Secretary

# BSA Venture Crew 73 Wants You

If you are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology, Venture Crew 73 is for you.

- Venture Crews are part of the Boy Scouts of America.
- Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.
- Venture crew 73 is coed.
- Meetings are on the second Tuesday of the month, 7:00 p.m., at the St. Marguerite D'Youville Catholic Church, 85 Gloster Rd. NW, Lawrenceville, GA 30044.
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- o Camping
- o Hiking
- o Horse Back Riding
- o Shooting Sports

• Crew activities usually mix high adventure and the use of amateur radio.

• For more information, attend our next meeting or contact:

Steve Back, WB2OGY  
Venture Crew 73 Committee Chairman  
Phone: 770-712-9069  
Email: [committeechair@venturecrew73.org](mailto:committeechair@venturecrew73.org)

Jeff Lee, AF4JL  
Venture Crew 73 Advisor  
Phone: 678-475-3165  
Email: [advisor@venturecrew73.org](mailto:advisor@venturecrew73.org)

## GARS officers and committee chairs

Kyle Albritton, W4KDA  
President

Earl Whatley, AF4FG  
Vice President

Hal Collier, W4IGE  
Secretary

Ralph Pickwick, KJ4CNC  
Treasurer, Apparel Manager

Sandy Jackson, KJ4DRO  
Program Manager

Dave Bruse, W4DTR  
Membership Chairman  
VE Team

David Adcock, KA4KKF  
Webmaster, Field Day Chairman

Dorothy Jubon, N2DLJ  
Public Information Officer

Norm Schklar, WA4ZXV  
TechFest Chairman

Ray Bailey, N4GYN  
GARzette Editor

Bill Cherepy, WB4WTN  
W4GR Trustee

Eddie Foust, WD4JEM  
Repeater Chairman

Mike Weathers, ND4V  
WAS-Checker

Joel Barrett, W4JOL  
Net Manager

Mike Swiderski, K4HBI  
Technical Advisor

## GARS communication system

70 Cm Repeater  
444.525(+) MHz  
82.5 PL Tone

APRS  
144.390 -- 1200 Baud  
W4GR

6 Meter Repeater  
53.110 (-1 MHz)  
82.5 PL Tone

D-Star  
WD4STR  
145.060 + (1.4 MHz)  
440.550 + (5 MHz)

2 Meter Repeater  
147.075(+) MHz  
82.5 PL Tone

Main Repeater Site  
Oak Street, Lawrenceville

Backup Repeater Site  
Lanier Mountain, Snellville

## Metro Atlanta VE Exam Schedule

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at [www.arrl-ga.org](http://www.arrl-ga.org).

### First Saturday, Even Months

9 a.m.  
EOC Building  
Butch Nitz, AF4FS  
(770) 968-8780

### First Wednesday

7 p.m.  
ARRL/VEC  
Roberts School  
4681 School Street, Acworth  
Jodi Escher AG4BK  
(770) 387-1591

### Second Saturday, Odd Months

ARRL VEC  
8:30 a.m.  
Stone Mountain Methodist Church  
5312 West Mountain St.  
Stone Mountain  
Bob Varone, W4ETN  
(770) 978-3179

### Third Saturday

CA VEC  
9 a.m.  
Marietta First United Meth. Church  
Room 305,  
56 Whitlock Ave.  
Marietta  
David Still, WB4RRD  
(707) 973-2566

### Third Sunday

W5YI VEC  
3-5 p.m.  
Lawrenceville Masonic Lodge  
465 S. Perry St.  
Lawrenceville, GA 30044  
(770) 963-5721

(cont. next column)

## Ham exam results for Sunday, October 31.

We had another great ham exam session today.

**Everyone passed!**

There were seven VE's present as follows:

Frank Sauciunas	KF4TQV
David Bruse	W4DTR
Bill Cherepy	WB4WTN
Royce Stovall	KD4EXY
Marq Collins	KE4YLB
Brian Page	N4TRB
Mark Fehlig	WA6NGC

Ham Exam results:

1 upgrade to Extra  
1 upgrade to General  
1 new General (passed Technician & General)

Special thanks to all the VE's that make these Ham Exam Sessions possible.

73,

Frank Sauciunas, KF4TQV  
[kf4tqv@charter.net](mailto:kf4tqv@charter.net)



### Fourth Tuesday

ARRL VEC  
7 p.m.  
United Way Service Center  
6279 Fairburn Rd.  
Douglasville

### Fourth Sunday

2:30 p.m. Georgia Tech  
VanLeer Elec. Building Rm.  
W218 77 Atlantic Dr.  
See [www.w4aql.com](http://www.w4aql.com)  
Alexander G. Carver  
(404) 894-2936  
[acarver@ece.gatech.edu](mailto:acarver@ece.gatech.edu)

## Metro Club Meetings

### First Tuesday

Kennehoochee ARC  
Southern Polytechnic  
State University  
Meeting begins at 7:30 PM  
Talk In 146.880(-)

### First Thursday

Atlanta Radio Club  
Georgia Red Cross HQ  
1955 Monroe Dr., Atlanta  
Meeting is at 7:30 PM  
Talk In -146.820(-)  
N.E. Georgia ARC  
Commerce Public Library  
Meeting is at 6:30 PM  
Talk In - 147.225(+)  
PL 123.0

### Second Monday

Georgia Tech ARC  
Room W218  
Van Leer Electrical  
Engineering Bldg.  
Georgia Tech Campus  
Meeting at 7:00 PM

### Second Thursday

Alford Memorial Radio Club  
Annistown Road Baptist Church  
Intersection of Annistown  
Rd & Spain Rd  
Stone Mountain  
Dinner at 6:00 PM  
Meeting at 7:30 PM  
Talk In - 146.760(-)

### Second Saturday

North GA QRP Club  
Wieuca Baptist Church on  
Peachtree Rd/Wieuca,  
at 10:00 AM

### Third Tuesday

North Fulton Amateur Radio  
League  
Masonic Lodge  
194 Milton Avenue  
Alpharetta, Georgia  
meeting at 7:30 PM  
Talk In - 145.47(-)



**GARS  
APPAREL ORDER FORM**

NAME:	PHONE #
CALL:	(To avoid errors, please PRINT legibly)
NAME TO BE EMBROIDERED:	
CALL SIGN TO BE EMBROIDERED:	
ITEM	SIZE    QUANTITY    PRICE TOTAL
<b>T-SHIRT</b>	
Red WITHOUT name & call	\$20.00
White WITHOUT name & call	\$20.00
Red WITH name & call	\$20.00
White WITH name & call	\$20.00
<b>GOLF SHIRT -- WITHOUT name &amp; call</b>	
Red	\$24.00
White	\$24.00
<b>GOLF SHIRT -- WITH name &amp; call</b>	
Red	\$28.00
White	\$28.00
<b>SWEATSHIRT</b>	
Red WITHOUT name & call	\$30.00
White WITHOUT name & call	\$30.00
Red WITH name & call	\$30.00
White WITH name & call	\$30.00
<b>LIGHTWEIGHT JACKET -- RED ONLY</b>	
WITHOUT name & call	\$31.00
WITH name & call	\$35.00
<b>HEAVYWEIGHT JACKET -- RED ONLY</b>	
WITHOUT name & call	\$41.00
WITH name & call	\$45.00
GARS BADGE -- WITH name & call	\$9.00
<b>HAT -- WITHOUT name &amp; call</b>	
Red	\$9.00
White	\$9.00
<b>HAT -- WITH name &amp; call</b>	
Red	\$14.00
White	\$14.00

TOTAL ORDER PRICE:

Please attach your check made payable to GARS and return to  
Ralph Pickwick, KJ4CNC or mail to:

GARS, P.O. Box 88, Lilburn, Georgia 30048

NOTE: Please allow at least 4 weeks for delivery of items.

## What's new on the WEB SITE?

The web site now features an upload and download section. Any file (amateur radio related) that you would like to share with the web site, you may post.

The file size limit is 6MB. You should notice a change to the user menu. It will change when you log in to give you more options.

Are you using the web site to renew your membership?  
Do you get the GARZETTE from the web site?

73,  
David  
KA4KKF





Gwinnett Amateur Radio Society  
PO Box 88  
Lilburn, GA 30048

## MEMBERSHIP APPLICATION

### GARS USE ONLY

Date App Rcvd \_\_\_\_/\_\_\_\_/\_\_\_\_

Pmt Rcvd \_\_\_\_/\_\_\_\_/\_\_\_\_

Payment Amt \$ \_\_\_\_\_

Mem Appr \_\_\_\_/\_\_\_\_/\_\_\_\_

Database \_\_\_\_/\_\_\_\_/\_\_\_\_

- ☐ NEW MEMBER  
☐ RENEWAL – Renew via PayPal at [www.gars.org](http://www.gars.org)

Amateur Call Sign \_\_\_\_\_ License Class ☐ Novice ☐ Technician ☐ General

☐ Advanced ☐ Extra

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ - \_\_\_\_\_

Email address \_\_\_\_\_

Home Telephone \_\_\_\_\_ Work Telephone \_\_\_\_\_

Cell Telephone \_\_\_\_\_ Date of Birth \_\_\_\_/\_\_\_\_/\_\_\_\_(mm/dd/yy)

ARRL Member ☐ Yes ☐ No ☐ Life

Interests \_\_\_\_\_

### Type of Membership

- ☐ Individual \$30.00 annually  
☐ Student \$15.00 annually  
☐ Senior \$15.00 annually (over age 65)  
☐ Family \*\* \$35.00 annually

\*\* Available for family members residing at the same address

### Optional Contributions

Repeater Fund \$ \_\_\_\_\_

Scholarship Fund \$ \_\_\_\_\_

### Additional Family Members \*\*

Name \_\_\_\_\_ Date of Birth \_\_\_\_/\_\_\_\_/\_\_\_\_(mm/dd/yy)

License Class ☐ Technician ☐ General ☐ Extra ARRL Member ☐ Yes ☐ No ☐ Life

Interests \_\_\_\_\_

Name: \_\_\_\_\_ Date of Birth \_\_\_\_/\_\_\_\_/\_\_\_\_(mm/dd/yy)

License Class ☐ Technician ☐ General ☐ Extra ARRL Member ☐ Yes ☐ No ☐ Life

Interests \_\_\_\_\_

I agree to abide by the By-Laws of the Gwinnett Amateur Radio Society and understand that membership is subject to the approval of the Club.

Applicant Signature \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_



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make a move

References available upon request.

## WORLD WIDE DISTRIBUTION



Mark Holmes  
Manager  
KJ4VO

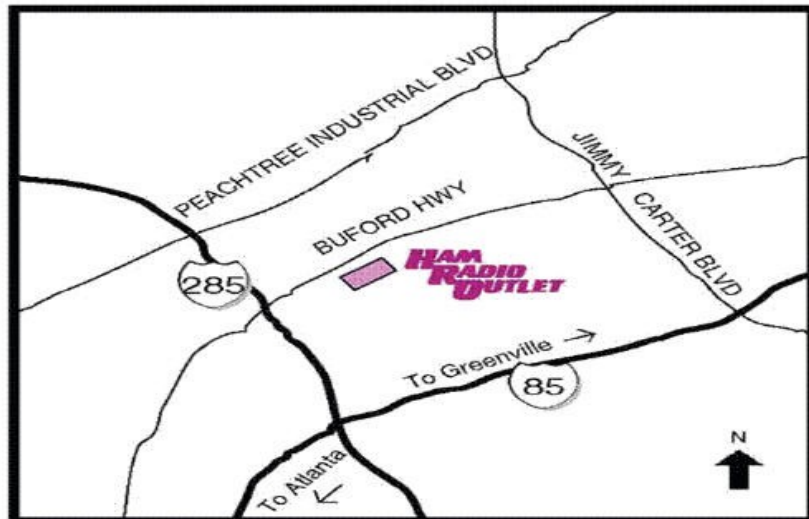
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John, KI4LMA  
Dale, W4GCL

Bill, W5RQR  
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Heil  
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Cushcraft  
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